



**PENNIE & EDMONDS** LLP  
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ATTORNEY DOCKET NO. 10271-037-999Date: December 10, 2001

Assistant Commissioner for Patents  
 Box PATENT APPLICATION  
 Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Solomon R. Langermann; Scott J. Hultgren; Chia-Suei Hung; and Julie Bouckaert Executed on: Unexecuted

Title of Invention: Mutant Proteins, High Potency Antibodies, and FimCH Crystal Structure

**PATENT APPLICATION FEE VALUE**

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	32	-20	12	\$18.00 each	\$ 216.00
Independent	7	-3	4	\$84.00 each	\$ 336.00
Minimum Fee					\$ 740.00
Multiple Dependency Fee If Applicable (\$280.00)					\$ 270.00
<b>Total</b>					\$ 1,562.00
Applicant qualifies for the 50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern					- \$ 0.00
<b>Total Filing Fee</b>					\$ 1,562.00

- ☐ **DO NOT PUBLISH.** I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).
- ☒ Priority of application nos. 60/254,353 filed on December 8, 2000 and 60/301,878 filed on June 29, 2001 is claimed under 35 U.S.C. § 119.
- ☐ The certified copy of the priority application has been filed in application no. file 1
- ☐ Amend the specification by inserting before the first line the following sentence: This is a continuation-in-part of application no. filed .

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,

Anthony M. Insogna 35,203  
 Anthony M. Insogna (Reg. No.)  
 PENNIE & EDMONDS LLP

Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.

Reg No.  
 40,922

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Langermann *et al.*

Application No.: To be Assigned

Art Unit: Not Yet Assigned

Filed: On Even Date Herewith

Examiner: Not Yet Assigned

For: Mutant Proteins, High Potency Inhibitory  
Antibodies, and FimCH Crystal Structure

Atty Docket No.: 1( 271-037

TRANSMITTAL OF SEQUENCE LISTING

Assistant Commissioner for Patents  
Washington, DC 20231

S I R :

In connection with the above-identified application, and in accordance with  
37 C.F.R. § 1.821, Applicant submits herewith a Sequence Listing in paper and  
computer-readable format pursuant to 37 C.F.R. § 1.821(c) and (e).

I hereby state that the content of the paper and computer-readable copies of the  
Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively,  
are the same. I hereby state that the submission herein under 37 C.F.R. § 1.821(g) does not  
include new matter.

Respectfully submitted,

Date December 10, 2001

Anthony M. Insogna<sup>35,203</sup>  
Anthony M. Insogna (Reg. No.)

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Enclosures

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Langermann *et al.*

Application No.: To be Assigned

Art Unit: Not Yet Assigned

Filed: On Even Date Herewith

Examiner: Not Yet Assigned

For: Mutant Proteins, High Potency Inhibitory  
Antibodies, and FimCH Crystal Structure

Atty Docket No.: 10271-037

**TRANSMITTAL OF TABLES ON CD-ROM**

Assistant Commissioner for Patents  
Washington, DC 20231

S I R :

In connection with the above-identified application, and in accordance with 37 C.F.R. § 1.58, Applicant submits herewith two tables in computer-readable format pursuant to 37 C.F.R. § 1.52(e) and §1.58.

I hereby state that the content of 'Copy 1' and 'Copy 2' of the CD-ROM in computer-readable format, submitted in accordance with 37 C.F.R. § 1.52(e) and §1.58, are the same.

Respectfully submitted,

Date December 10, 2001

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Enclosures